Index of Claims

| Application/Control | No. |
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10/767,413 Examiner

David C. Payne

Applicant(s)/Patent under Reexamination

BERNARD ET AL.

Art Unit

2633

| <b>√</b> | Rejected |
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|          | Allowed  |

| -  | (Through numeral)<br>Cancelled |
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| N | Non-Elected  |
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| 1 | Interference |

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| Cla  | aim_     |            |                 |          | [        | Date     | е        |  |              |  |          | Cla                    | im       |          |                     |          | . (      | ate      |         |        |                      |   | CI    | aim        |                |                 |          | C        | ate      | •        |          |          |          |
|--|----------|------------|-----------------|----------|----------|----------|----------|--|--------------|--|----------|------------------------|----------|----------|---------------------|----------|----------|----------|---------|--------|----------------------|---|-------|------------|----------------|-----------------|----------|----------|----------|----------|----------|----------|----------|
| Final  | Original | 5/14/05    |                 |          |          |          |          |  |              |  |          | Final                  | Original | 5/14/05  |                     |          |          |          |         |        |                      |   | Final | Original   |                |                 |          |          |          |          |          |          |          |
|  | 1        | ٧          |                 |          |          |          |          |  | $oxed{oxed}$ | $\perp$                                |          |                        | 51       | ٧        |                     |          |          | $\perp$  |         |        |                      |   |       | 101        |                | Ш               |          |          | $\Box$   |          |          | $\Box$   |          |
| $\Box$   | 2        | ٧          | Ш               |          |          |          |          | ↓_   | ↓_           | ↓_                                     | 4        |                        | 52       | ٧        |                     |          |          | $\dashv$ | -       | —      | Ш                    |   |       | 102        | <u> </u>       | Н               | _        | _        | _        |          | _        | _        | 4        |
|  | 3        | <u>v</u>   | $\vdash$        |          | $\vdash$ | $\vdash$ | ┝        | ⊢  | ╀            | +                                      | -        |                        | 53<br>54 | $\vdash$ | Н                   | $\dashv$ | $\dashv$ | $\dashv$ | +       | +      | Н                    |   |       | 103<br>104 | ⊢              | Н               | -        |          | -        |          |          | $\dashv$ |          |
|  | 5        | V          | -               |          | $\vdash$ | -        | ┝        | ╁  | ╁            | +-                                     | ╢        | $\vdash$               | 55       | -        |                     |          | -        | $\dashv$ | +       | +-     | ╌┤                   |   |       | 105        | ├              | H               |          |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 6        | Ť          | $\vdash$        | _        | H        | -        | ┝        | $\vdash$   | ╁            | ╁                                      | ╢        | $\vdash$               | 56       | H        | Н                   | $\dashv$ | $\dashv$ | $\dashv$ | +       |        | Н                    |   |       | 106        | -              | ╌┤              | $\dashv$ | ┰        | ᅱ        | ┥        | $\dashv$ | ᅥ        | ᅱ        |
|  | 7        | v          | Н               |          |          |          | ┢        |  | H            | ╁                                      | 1        | $\vdash$               | 57       |          | Н                   | $\dashv$ |          | $\dashv$ | $\top$  | +      | Н                    |   |       | 107        | $\vdash$       | H               | 寸        | _        |          |          | 7        |          | ᅥ        |
|  | 8        | ٧          | П               |          |          |          |          |  | T            | T                                      | 1        |                        | 58       |          | П                   |          |          | $\neg$   | 十       | $\top$ | Н                    |   |       | 108        |                | П               | T        | 寸        | 寸        |          | 寸        | $\dashv$ | ヿ        |
|  | 9        | ٧          |                 |          |          | П        | $\vdash$ | T  | Τ            | Τ                                      | 1        |                        | 59       | П        | П                   | $\neg$   |          | 寸        | $\top$  | 十一     | П                    |   |       | 109        | Г              | П               | 寸        |          | ヿ        |          | 7        | $\neg$   |          |
|  | 10       | ٧          |                 |          |          |          |          |  | Г            |  |          |                        | 60       |          |                     |          |          |          |         |        |                      |   |       | 110        |                |                 |          |          |          |          |          |          |          |
|  | 11       | ٧          |                 |          |          |          |          |  |              |  |          |                        | 61       |          |                     |          |          |          |         |        |                      |   |       | 111        |                |                 |          |          |          |          |          |          |          |
| <b></b>  | 12       | ٧          | Ш               |          |          | _        | <u> </u> | _  | L            | $\perp$                                | 4        | $\square$              | 62       | L        | Ш                   | Ш        |          | _[       | _       | —      | Ш                    |   |       | 112        | Ш              | Ц               | _        | _        | [        | [        | [        | _        | _        |
| <b> </b>   | 13       | ٧          | $\vdash \vdash$ | _        |          | _        | <u> </u> | <u> </u>   | ╀            | ╄                                      | 4        |                        | 63       | _        | Ш                   |          | _        | $\dashv$ | +       | $\bot$ | Ы                    |   |       | 113        | $\vdash$       | $\sqcup$        | 4        | _        | 4        |          | _        | 4        | ᆜ        |
|  | 14       | ٧          | Н               |          | $\vdash$ |          | ⊢        | $\vdash$   | $\vdash$     | +                                      | 4        | $\vdash$               | 64       | H        | $\vdash \vdash$     | $\sqcup$ |          | $\dashv$ | +       | +      | Н                    |   |       | 114        |                | $\vdash \vdash$ |          |          |          |          | -        | _        | ᅴ        |
| <del>                                     </del> | 15<br>16 | ٧          | $\vdash \vdash$ |          | -        | -        | -        | ├  | ╀            | +                                      | 1        |                        | 65<br>66 | -        | $\vdash$            | $\vdash$ | $\dashv$ | $\dashv$ | +       |        | Н                    |   |       | 115        |                | $\vdash$        | $\dashv$ |          | $\dashv$ |          |          | -        | ᅴ        |
|  | 17       | ٧<br>٧     | $\vdash \vdash$ |          | $\vdash$ | $\vdash$ | ⊢        | ╁  | ╁            | +                                      | ┨        | $\vdash$               | 67       | -        | $\vdash \vdash$     |          | $\dashv$ | $\dashv$ | +       | +      | $\vdash$             |   |       | 116<br>117 | <del>  -</del> | $\vdash \vdash$ | $\dashv$ |          | $\dashv$ | -        | $\dashv$ | ᅱ        | 一        |
|  | 18       | V          | $\vdash$        | _        |          | $\vdash$ | $\vdash$ | ┢  | ╁            | +-                                     | 1        | $\vdash$               | 68       | $\vdash$ | Н                   | $\dashv$ |          | $\dashv$ | +       | +      | Н                    |   |       | 118        | $\vdash$       | Н               | $\dashv$ |          | $\dashv$ |          |          | $\dashv$ | 1        |
|  | 19       | v          |                 | _        | -        | -        | -        | -  | ╁╌           | +                                      | 1        |                        | 69       |          | H                   |          |          | $\dashv$ | +       | +      | ╌                    |   |       | 119        | ┝              | Н               | $\dashv$ | $\dashv$ | $\dashv$ |          | -        | ᅱ        | ᅱ        |
|  | 20       | v          | H               | -        |          |          | H        |  | t            | ╁                                      | 1        |                        | 70       | $\vdash$ | Н                   | $\dashv$ | _        | $\dashv$ | +       | +      | Н                    |   |       | 120        | -              | Н               | _        | 一        | ┪        | $\dashv$ | 7        | $\dashv$ | ᅱ        |
|  | 21       | v          | Н               |          |          | $\vdash$ | Г        | Н  | 1            | T                                      | 1        | $\vdash$               | 71       | _        | П                   |          |          | $\neg$   | _       | ╅      | Н                    |   | _     | 121        | $\vdash$       | П               | T        | 寸        | 7        | 一        | _        |          | ᅱ        |
|  | 22       | v          | П               |          |          | _        |          | Г  |              | $\top$                                 | 1        |                        | 72       |          | П                   |          |          | 寸        | 十       | 十      | П                    |   |       | 122        | $\vdash$       | П               | $\neg$   |          | ヿ        | $\neg$   | $\dashv$ | 寸        | ᅥ        |
|  | 23       | v          | П               |          |          |          |          |  |              | $\top$                                 |          |                        | 73       |          |                     |          |          | T        | $\top$  | 1      | П                    |   |       | 123        |                | П               | ヿ        | 一        | ヿ        |          |          | コ        | $\neg$   |
|  | 24       | >          |                 |          |          |          |          |  |              | Т                                      | 1        |                        | 74       |          |                     |          |          |          |         |        |                      |   |       | 124        |                |                 |          |          | ヿ        | $\neg$   |          |          |          |
|  | 25       | >          |                 |          |          |          |          |  |              | $\Box$                                 |          |                        | 75       |          |                     |          |          |          | $\Box$  |        |                      |   |       | 125        |                |                 |          |          |          |          | $\Box$   |          |          |
|  | 26       | ٧          |                 |          |          |          |          |  |              |  |          |                        | 76       |          |                     |          |          |          |         |        |                      |   |       | 126        |                |                 |          |          |          |          |          |          |          |
| ļ  | 27       | v          | Ш               |          |          | _        |          | L  | <u> </u>     | ــــــ                                 |          |                        | 77       |          | Ш                   |          | _        | $\perp$  | $\perp$ |        |                      |   |       | 127        | _              |                 |          |          | $\Box$   | _        | _        | _        | _        |
| ļ  | 28       | ٧          | Ш               | _        |          | _        | <u> </u> | ╙  | ↓_           | ╄                                      |          |                        | 78       |          | Ш                   | $\Box$   | _        | _        | 4       |        | Ш                    |   |       | 128        | <u> </u>       |                 |          | _        | _        | _        |          | _        | _        |
| $\vdash \vdash \vdash$                           | 29       | ٧          | Н               |          |          | L        | ┡        | <u> </u>   |              | ╀-                                     |          |                        | 79       |          |                     |          |          | -+       | +       |        | Н                    |   |       | 129        | _              | Н               | _        |          |          | $\dashv$ |          | _        | _        |
| <b>  </b>  | 30       | ٧          |                 |          | -        | -        | <u> </u> | <del> </del>                                     | ╀            | +-                                     | 1        | -                      | 80       |          | Н                   | $\dashv$ |          |          | +       |        |                      |   |       | 130        | -              | $\vdash$        |          |          |          |          | -        | -        | $\dashv$ |
| <b>  </b>  | 31<br>32 | v          | Н               | _        | <u> </u> | H        | -        | -  | ╀            | +                                      |          |                        | 81<br>82 |          | -                   | {        | -        | $\dashv$ | +       | +      | H                    |   |       | 131<br>132 | $\vdash$       | $\vdash$        | $\dashv$ |          | $\dashv$ |          | -1       | -        | $\dashv$ |
|  | 33       | v          | H               | -        |          | $\vdash$ |          |  | -            | ╁                                      |          |                        | 83       | H        | Н                   | ╅        | -        | $\dashv$ | +-      | +      | Н                    |   |       | 133        | -              | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 34       | V          | $\vdash$        | -        | $\vdash$ | $\vdash$ | Н        | $\vdash$   | +            | +-                                     | ı        |                        | 84       | $\vdash$ | $\vdash \vdash$     | $\dashv$ | $\dashv$ | $\dashv$ | +       | +      | Н                    |   |       | 134        | $\vdash$       | $\vdash$        | $\dashv$ | -        | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 35       | ٧          | $\vdash$        | -        |          |          |          |  | $\vdash$     | +                                      | 1        | $\vdash$               | 85       | Н        | $\vdash$            | _        | $\dashv$ | $\dashv$ | +       | $\top$ | Н                    |   |       | 135        |                | $\vdash$        | $\dashv$ | 一        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 36       | · v        | $\vdash$        | $\dashv$ |          | $\vdash$ | П        | $\vdash$   | $\vdash$     | T                                      | 1        |                        | 86       | $\vdash$ | -                   | -        |          | 十        | +       | +      | $\vdash$             |   |       | 136        | -              | $\vdash$        | 寸        |          | $\dashv$ |          | 7        | _        | $\dashv$ |
|  | 37       | ٧          | П               |          |          |          |          |  | T            | T                                      | 1        |                        | 87       |          | $\Box$              |          |          | 十        |         | 1      | П                    |   |       | 137        |                | $\Box$          | ヿ        | _        | 寸        | $\dashv$ | 7        | $\neg$   | $\neg$   |
|  | 38       | ٧          |                 |          |          |          |          |  | Γ            | Ι                                      | ]        |                        | 88       |          |                     |          | $\Box$   |          |         |        |                      |   |       | 138        |                |                 | 寸        |          | コ        |          | _1       |          |          |
|  | 39       | ٧          |                 |          |          |          |          |  |              |  |          |                        | 89       |          |                     |          |          | $\Box$   | I       |        |                      |   |       | 139        |                |                 | J        |          |          |          | 丁        |          |          |
|  | 40       | ٧          |                 |          |          |          |          |  |              | $\bot$                                 | <b>.</b> |                        | 90       |          |                     |          | $\Box$   | $\Box$   |         |        |                      |   |       | 140        |                | П               | $\Box$   | $\Box$   |          |          | $\Box$   |          |          |
|  | 41       | ٧          | Ш               | _        | Щ        | Ш        |          | _  | Ľ            | ╄-                                     |          |                        | 91       |          | $\sqcup$            |          | _        |          |         | 4_     | Ш                    |   |       | 141        |                | Ш               | $\sqcup$ | ]        | $\Box$   | $\Box$   | $\perp$  |          | $\dashv$ |
| $\square$  | 42       | ٧          | $\sqcup$        | 4        | Щ        | Щ        | <u> </u> | <u> </u>   | 1            | _                                      |          | Щ                      | 92       | Щ        | $\sqcup$            | _        | _        | 4        | $\bot$  | 4      | Ш                    |   |       | 142        | <b> </b>       | Ш               | 4        | _        | _        | _        | _        | _        | _        |
|  | 43       | ٧          | $\sqcup$        | _        | Щ        | Щ        | H        | $\vdash$   | $\vdash$     | +                                      | 4        | $\vdash$               | 93       | $\vdash$ | $\sqcup$            |          | _        | $\dashv$ | +       | -      | $\vdash \vdash$      |   |       | 143        | <u> </u>       | ⊢∔              | _        | _        | 4        | _        | _        | _        | _        |
| $\vdash$   | 44<br>45 | ٧          | $\dashv$        | _        | $\vdash$ | $\vdash$ | <u> </u> | ├-   | ╄-           | ╁                                      | 1        |                        | 94       | H        | $\vdash \downarrow$ |          |          | $\dashv$ | +       | +      | Н                    |   |       | 144        | $\vdash$       | $\vdash$        |          |          |          |          |          |          | $\dashv$ |
|  | 45       | <b>v</b> ; | $\vdash$        |          | Щ        | $\vdash$ | $\vdash$ | -  | -            | +                                      | ł        | $\vdash$               | 95<br>96 | Н        | $\vdash \vdash$     | $\dashv$ | $\dashv$ | $\dashv$ | +       | +      | $\vdash \vdash$      |   |       | 145<br>146 | <u> </u>       | $\vdash$        |          | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 47       | ٧          | $\vdash$        | -        | $\vdash$ | $\vdash$ |          | $\vdash$   | ╁            | +-                                     | ł        | $\vdash \vdash \vdash$ | 97       | $\vdash$ | $\vdash$            | $\dashv$ | $\dashv$ | -+       | +       | +      | $\vdash\vdash\vdash$ |   |       | 147        | -              | $\vdash$        | -        |          | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 48       | v          | $\vdash$        | -        | Н        | H        |          | $\vdash$   | ╁            | ╁                                      | 1        | $\vdash \vdash$        | 98       | H        | $\vdash$            | $\dashv$ | $\dashv$ | $\dashv$ | +       | +      | Н                    |   |       | 148        | $\vdash$       | $\forall$       | $\dashv$ | -        | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\dashv$ |
|  | 49       | V          | $\vdash$        | $\dashv$ | $\vdash$ | $\vdash$ | -        | <del>                                     </del> | $\vdash$     | +                                      | t        | $\vdash$               | 99       | Н        | $\vdash$            | $\dashv$ | $\dashv$ | $\dashv$ | +       | +      | Н                    |   |       | 149        | $\vdash$       | $\vdash \vdash$ | $\dashv$ | $\dashv$ | 一        | $\dashv$ | 十        | $\dashv$ | $\dashv$ |
| -  | 50       | v          | $\vdash$        | $\dashv$ | Н        | Н        | H        | $\vdash$   | t            | †                                      | 1        | Н                      | 100      | $\vdash$ |                     | -        | $\dashv$ | 十        | +       | +      | Н                    |   |       | 150        | $\vdash$       | H               | $\dashv$ | ᅱ        | ᅱ        | $\dashv$ | 十        | $\dashv$ | ᅱ        |
|  |          | <u> </u>   |                 |          |          |          |          | Щ.   | ١            | ــــــــــــــــــــــــــــــــــــــ | 1        |                        | .50      | ш        | Щ.                  |          |          |          |         |        | لب                   | 1 |       |            |                | щ               |          |          |          |          |          |          |          |